Multi-Touch Display

• 55"
• Powered by Android
• Multi-touch

55BDL4051T/00

Engage them

10-point Multi-Touch display.

Inspire collaboration. Deliver information. This responsive Philips Multi-Touch Professional Full HD Display is ideal for multi-finger, multi-user applications-from wayfinding to presentations. Up to 10 touch points can be active at once.

Benefits

Superb picture. Responsive touchscreen.
• Android SoC processor. Native and web apps
• Full HD. Clear images. Crisp contrast
• Plug-and-play 10-point Multi-Touch display

Effortless setup. Total control.
• CMND & Deploy. Install and launch apps remotely
• Operate, monitor and maintain with CMND & Control

• CMND & Create. Develop and launch your own content

Versatile system solution
• FailOver ensures content is always playing
• Internal memory. Upload content for instant play
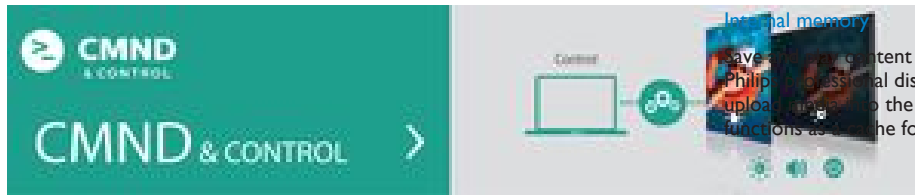• Energy-saving automatic backlight control

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Features

Powered by Android

Control your display via an Internet connection. Android-powered Philips Professional Displays are optimized for native Android apps, and you can install web apps directly to the display too. A new Android OS ensures the software is kept secure and remain to the latest specification for longer.
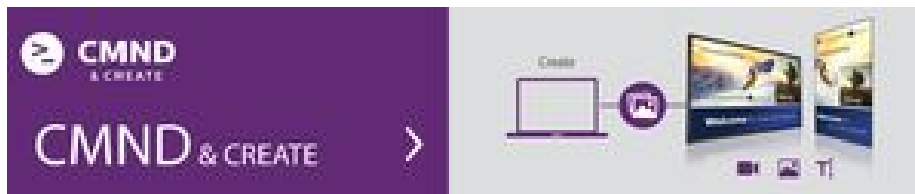
CMND & Deploy

Quickly install and launch any app-even when you're off-site and working remotely. CMND & Deploy lets you add and update your own apps, as well as apps from the Philips Professional Display App Store. Simply scan the QR code, log in to the store, and click on the app you want to install. The app is automatically downloaded and launched.

CMND & Control

Run your display network over a local (LAN) connection. CMND & Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

CMND & Create

Take control of your content with CMND & Create. A drag-and-drop interface makes it simple to publish your own content-whether it's a daily specials board or branded corporate information. Preloaded templates and integrated widgets ensure your stills, text, and video will be up and running in no time.

FailOver

From waiting room to meeting room, never show a blank screen. FailOver lets your Philips Professional Display switch automatically between primary and secondary inputs ensuring content keeps playing even if the primary source goes down. Simply set a list of alternate inputs to be sure your business is always on.

Internal memory

Save content without the need for a permanent external player. Your Philips Professional display has an internal memory, which allows you to upload content to the display for instant playback. The internal memory also functions as a cache for online streaming.

Specifications

Picture/Display

Diagonal screen size (metric)	138.8 cm
Diagonal screen size (inch)	54.64 inch
Panel resolution	1920x1080p
Optimum resolution	1920 x 1080 @ 60 Hz
Brightness	450 cd/m²
Contrast ratio (typical)	1100:1
Dynamic contrast ratio	500,000:1
Surface treatment	Anti-Glare coating
Aspect ratio	16:9
Response time (typical)	12 ms
Pixel pitch	0.63 x 0.63 mm
Display colors	16.7 million
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Picture enhancement	3/2 - 2/2 motion pull down
	3D Combfilter
	Motion compens. deinterlacing
	Progressive scan
	3D MA deinterlacing
	Dynamic contrast enhancement

Interactivity

Multi-touch technology	Infrared touch
Touch points	10 simultaneous touch points
Plug and play	HID compliant
Protection glass	5 mm tempered safety glass
	Anti-Glare

Connectivity

Video input	Display Port1.2 (x1)
	DVI-I (x 1)
	HDMI 1.4 (x2)
	USB 2.0 (x2)
	USB 2.0 (x1)
Video output	DisplayPort (x1)
	DVI-I (x1)
Audio input	3.5 mm jack
Audio output	3.5mm jack
External control	RJ45
	IR (in/out) 3.5 mm jack

data subject to change
2021, March 5

Other connections	RS232C (in/out) 2.5 mm jack micro SD Micro USB(type B)x1		

Supported Display Resolution

Computer formats	640 x 480, 60, 67, 72, 75Hz 800 x 600, 56, 60, 72, 75Hz 1024 x 768, 60Hz 1280 x 768, 60Hz 1280 x 800, 60Hz 1280 x 1024, 60Hz 1360 x 768, 60Hz 1366 x 768, 60Hz 1440 x 900, 60Hz 1600 x 1200, 60Hz 1920 x 1080, 60Hz 1920 x 1200, 60Hz 720 x 400, 70Hz 800 x 600, 60, 72, 75Hz
Video formats	480i, 60Hz 480p, 60Hz 576p, 50Hz 576i, 50Hz 720p, 50, 60Hz 1080i, 50, 60Hz 1080p, 50, 60Hz 1080i, 25, 30Hz 480i, 30, 60Hz 576i, 25, 50Hz

Convenience

Placement	Landscape Portrait
Signal loop through	IR Loopthrough DisplayPort DVI RS232
Network controllable	RS232 RJ45 HDMI (One Wire)
Picture performance	Advanced color control
Picture in picture	PIP
Screen saving functions	Pixel Shift, Low Brightness
Keyboard control	Hidden Lockable
Remote control signal	Lockable
Energy saving functions	Smart Power
Other convenience	Carrying handles
Memory	16GB eMMC

Dimensions

Set Width	1271.0 mm
Set Height	741.8 mm
Set Depth	91.4 mm
Set Width (inch)	50.04 inch
Set Height (inch)	29.20 inch
Set Depth (inch)	3.60 inch
Product weight	31 kg
Product weight (lb)	68.34 lb
VESA Mount	400 x 400 mm, M6
Bezel width	29.2 mm

Sound

Built-in speakers	2 x 10W

Operating conditions

Temperature range (operation)	0 - 40degC (Landscape)/0 - 35degC (Portrait) °C
Relative humidity	20 ~ 80(operation),5~95%(storage) %
MTBF	50,000 hour(s)
Altitude	0 ~ 3000 m
Temperature range (storage)	-20~60 °C

Power

Mains power	100 ~ 240 VAC, 50/60Hz
Standby power consumption	<0.5W
Consumption (Typical)	76 W
Power Saving Features	Smart Power
Energy Label Class	F

Accessories

Included accessories	AC Power Cord RS232 cable Remote Control Batteries for remote control Quick start guide User manual on CD-ROM
Stand	Universal Stand (Large size)(Optional)
Included Accessories	Logo guide

Miscellaneous

On-Screen Display Languages	Arabic English French German Italian Japanese Polish Spanish Turkish Russian Simplified Chinese Traditional Chinese Danish Dutch Finnish Norwegian Portuguese Swedish
Regulatory approvals	BSMI CB CE EAC FCC, Class B PSE CCC PSB RoHS UL
Warranty	3 year warranty

Multimedia Applications

USB Playback Picture	BMP GIF JPEG JPG PDF
USB Playback Audio	AAC AIF AIFF ASF LPCM M3U M4A MP3 MP4 WAV WMA
USB Playback Video	M2TS M4V MK3D MKV MP4 MPEG MPG MTS TS TTS VOB

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	WMV	Memory	2GB DDR3
		Storage	16GB EMMC

Internal Player

CPU	Quad Core Cortex A9, 1.6G

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